

SunPower – California Valley Solar Ranch Monitoring/Construction

Ongoing Status Report

Status: Final Inspection permits issued on 10/28/13 to allow for full operations.

Next Steps: Obtain reclamation/closure permit from County/OMR on gypsum mines; minor follow-up permits for substation & construction trailer.

Background: The California Valley Solar Ranch (CVSR) is being built by SunPower Corporation (under subsidiaries known as High Plains Ranch II or IV). NRG has purchased the project from SunPower, and will take over full control upon completion of construction. Bechtel is the primary contractor building the project. PG&E components are under CPUC permitting (switchyard and transmission line upgrades).

Last updated: 10/30/13

Date	Processing Status	Comments
4/19/11	CVSR DRC2008-00097 approved	John McKenzie is County project manager (805-781-5452, jdmckenzie@co.slo.ca.us)
May – July, 2011	Pre-construction permit for geotech plans (fault trenching, resistivity testing, perc tests, etc.)	County approved (May); County & Applicant monitoring for sensitive species; geo tech work occurring in July & August
5/16	Solar Power Town Hall meeting w/ Supervisor Patterson – invitations sent out	Meeting Date: 5/25/11 from 3 pm to 6 pm Where: Carissa Plains Heritage Association Community Center; 10750 Carissa Highway (Highway 58), approximately one mile east of Soda Lake Road Contact: Amy Gilman @ 805-781-4339 or agilman@co.slo.ca.us
6/9/11	CVSR – First Project Construction Permit (PMT2010-02085, -02131) for Phase 1A submitted to County for review (grading, solar array)	Phase 1 includes solar Arrays 1 & 2, substation, gen-tie lines, water system, temporary switching station, O&M building grading; other Required Plans related to CUP Conditions still need to be submitted by applicant for County review before construction plans can be approved; Bechtel retained by SunPower as main contractor for project
July, 2011	Submit Phase 2 Plans	Plans submitted for Construction staging area
June/July, 2011	Gypsum Mine Reclamation	Applicant working with County and OMR to reclaim two Gypsum mines (Farm Camp #5 and CalGypsum)
July 18, 2011	Environmental Monitor	Environmental Monitor selected (Aspen); schedule contract to Board
July 19	Job Fair sponsored by SunPower (9 am to 11 am)	Where: Carissa Plains Heritage Association Community Center; 10750 Carissa Highway (Highway 58), approximately one mile east of Soda Lake Road
August 2, 2011	Env. Monitor (Aspen) contract scheduled to Board of Supervisors (consent item)	Where: Board Chambers, County Government Ctr., San Luis Obispo Board approves contract; refined MMRP underway
8/9/11	Application submittal	PMT2011-00144, PMT2011-00145, PMT2011-00146

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	for gen-tie transmission lines, substation, & temp. switchyard	
8/24/11	1 st Pre-con meeting	Held at CVCSD office and field training
9/6/11	Issue initial major grading construction permits (PMT2010-02085, PMT2010-02131))	Permit issued for rough grading and Array 1 installation; environmental monitors on-site daily
9/29/2011	Zoning clearance issued for temp. office	
10/3/11	Subdivision Review Board's consent agenda for Public Lot for PG&E switchyard (recommended for approval)	Contact: Jo Manson - project manager (805) 781-4660; project approved on 10/3/11
11/10/11	Town Hall Meeting on Solar w/ Sup. Patterson	Thursday, November 10, 2011 3:00 – 6:00 pm California Valley Community Services District Office 13080 Soda Lake Road
1/2/12	CalFire Station 42 (Carrizo)	Staffing upgraded from part-time to full time coverage 7 days a week.
2/2/12	RWQCB hearing for surface impoundments (brine ponds) APPROVED	Water Board approved; RWQCB contact: Ryan Lodge (805) 549-3506 or rlodge@waterboards.ca.gov ; Permit #: Waste Discharge Requirements Order No. R3-2011-0225, Monitoring and Reporting Program No. R3-2011-0225
2/2/12	RWQCB hearing on Waste Discharge Requirements APPROVED	Water Board approved. Waste Discharge Requirements Order No. R3-2012-0006 and Monitoring and Reporting Program No. R3-2012-0006 for the California Valley Solar Ranch Discharges of Fill Material to Waters of the State. The subject documents are available for review on website at: www.waterboards.ca.gov/centralcoast/board_decisions/tentative_orders RWQCB contact: jdyer@waterboards.ca.gov
2/27/12	Additional Information	Additional Information being prepared to primarily evaluate additional water use options during construction.
3/19/12	PG&E Notice	The PG&E Caliente switchyard will be obtaining rip rap from the Santa Margarita quarry over a 14-day period See Notice under 'Other News'.
4/26/12	Additional Information/EIR Addendum	Environmental analysis complete/approved for request to use additional water during construction and improvement to several peripheral roads; no new significant impacts found nor new mitigation measures required; see ' EIR Addendum ' link on webpage
Sept. 13/ 2012	Phase I Energizing	Substation permit finalized allowing commercial sale of power for Phase 1 (about 22.7 MW of electricity); landscape bonding and

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		final closure (decommissioning) plan resolved (completion of report review underway)
1/1/2013	Phase II & IV Energizing	Phases II (66.36 MW) and IV (41.04 MW) energized (commercial sale of power); decommissioning bond/letters of credit received for these phases
4/25/2013	Second EIR Addendum	County approves 2 nd EIR addendum, which looked at potentially increasing water use during the balance of the construction period
6/26/2013	Last panel installed	
10/28/2013	Last Building Permit issued to allow for full operations	

Construction Permits (Current as of 10/30/13)

PMT2010-02085 – Eng. grading for Phase 1A (Solar Array 1, brine ponds, substation, related access roads) [**FINALED 10/25/2013**]

PMT2010-02131 – Electrical for Solar Array 1 [Phase 1A] [**FINALED 9/13/2012**]

PMT2010-02255 – Temporary Construction Facilities [**FINALED 10/10/13**]

PMT2011-00144 – Substation [**FINALED 9/13/12**]

PMT2011-00145 – Gen-Tie Line [**FINALED 9/13/12**]

PMT2011-00146 - Temporary Tap [**FINALED 9/13/12**]

PMT2011-00169 - Eng. grading for Phase 1B [**FINALED 10/22/2013**]

PMT2011-00269 – Water/RO System Improvement Plans [**FINALED 9/26/13**]

PMT2011-00270 – Water/RO System Improvement Plans [**FINALED 10/25/2013**]

PMT2011-00271 – Water Tank [**FINALED 10/24/2013**]

PMT2011-00272 – Precise Grading – Brine ponds [**FINALED 10/24/2013**]

PMT2011-00627 – Wetland Mitigation Plan/grading [**FINALED 1/24/2012**]

PMT2011-00633 – Spadefoot Toad Habitat/Grading [**FINALED 12/2/2011**]

PMT2011-00652 - Array2-Oasis [**FINALED 9/7/2012**]

PMT2011-00653 - Array2-Serengeti [**FINALED 12/5/12**]

PMT2011-00654 – Power Conditioning Stations - Oasis [**FINALED 10/9/2013**]

PMT2011-00655 – Power Conditioning Stations - Serengeti [**FINALED 10/9/2013**]

PMT2011-00656 – Med. Voltage line to RO [**FINALED 8/15/2013**]

PMT2011-00716 - Array 4-Eng. Grading [**FINALED 10/22/2013**]

PMT2011-00717 - Metal building – Controls – [**FINALED 10/9/2012**]

PMT2011-00718 - Metal building– Meter – High Voltage [**FINALED 9/14/2012**]

PMT2011-00873 – Resubmittal of PMT2010-02131–Electrical for Solar Array 1 [**FINALED 9/25/2012**]

PMT2011-00940 – Array 8-Eng. Grading [**FINALED 9/25/2012**]

PMT2011-00994 - Array 4 Electrical [**FINALED 2/1/13**]

PMT2011-00995 - Array 5 Electrical [**FINALED 2/1/13**]

PMT2011-00996 - Array 8 Electrical [**FINALED 5/30/2013**]

PMT2011-00997 – 34.5 kV-Sub to Array 8 [**FINALED 12/5/2012**]

PMT2011-00998 - 34.5 kV – Sub to Arrays 4/11 [**FINALED 8/15/2013**]

PMT2011-01031 - Array 5-Eng. Grading [**FINALED 10/10/13**]

PMT2011-01158 - Array 6 Panels/ Electrical [**FINALED 8/14/2013**]

PMT2011-01160 - Array 7 Panels/ Electrical [**FINALED 8/15/2013**]

PMT2011-01161 - Array 9 Panels/ Electrical [**FINALED 8/19/2013**]

PMT2011-01162 - Array 11 Panels/ Electrical [**FINALED 8/15/2013**]
PMT2011-01163 - 34.5 kV- junction 4B/11 to Array 4 [**FINALED 8/15/2013**]
PMT2011-01164 - Temp. Site Cntrl Trailer [**ISSUED 5/22/2012**]
PMT2011-01429 - 34.5 kV- betwn Arrays 5 & 7 [**FINALED 8/15/2013**]
PMT2011-01517 - Array 6-Eng. Grading [**FINALED 10/21/2013**]
PMT2011-01689 - Array 7-Eng. Grading [**FINALED 10/21/2013**]
PMT2011-01691 – Array 1 & 2 Fencing [**FINALED 12/26/2012**]
PMT2011-01693 – Array 4, 5 & 8 Fencing [**FINALED 10/22/2013**]
PMT2011-01783 - Temp. Site Cntrl Trailer – Power [**FINALED 10/1/2013**]
PMT2011-02005 - Array 9-Eng. Grading [**FINALED 10/24/2013**]
PMT2012-00040 - Array 11-Eng. Grading [**FINALED 10/24/2013**]
PMT2012-00133 - Fuel Tanks (4) [withdrawn]
PMT2012-00241 - O & M Septic [**FINALED 10/3/2013**]
PMT2012-00248 - Capacitor Bank [**FINALED 12/6/12**]
PMT2012-00259 - Array 6 & 7 Fencing [**FINALED 8/20/2013**]
PMT2012-00260 - Array 9 & 11 Fencing [**FINALED 10/22/2013**]
PMT2012-00289 - Hayes Well improvements [**FINALED 6/19/2013**]
PMT2012-00942 - CVCSD Roads Grading (Cambria, Brady) [**FINALED 10/21/2013**]
PMT2012-01437 – Op & Maintenance Building [**FINALED 10/25/2013**]
PMT2012-02230 – Back-up Generator at Substation [**FINALED 10/28/2013**]
PMT2012-02340 – Back-up Generator at O&M bldg. [**FINALED 10/28/2013**]
PMT2012-02408 – Entrance Sign (**FINALED 10/15/2013**)
PMT2013-00055 – Temp Tap Demobilization [**FINALED 10/24/2013**]
PMT2013-00707 – Substation Lay Down (**ISSUED 10/11/2013**)

SUB2010-00115 – Public Lot for Switchyard [**APPROVED**]